

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	71	lyocell and silver and impregnation	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:13
S2	0	lyocell and silver and impregnation and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:13
S3	71	lyocell and silver and impregnation	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:14
S4	90	lyocell and silver and impregnated	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:14
S5	2	lyocell and silver and impregnated and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:14
S6	121	evan and KOSLOW	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:19
S7	1	evan and KOSLOW and "662"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:19
S8	4	evan and KOSLOW and integrated and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 16:20
S9	3	((REINER) near2 (BUETTNER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:24
S10	2	((HARDY) near2 (MARKWITZ)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:26
S11	4	((CARIMEN) near2 (KNOBELSDORF)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:27
S12	17	((RALF) near2 (BAUER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:28
S13	1	((RALF) near2 (BAUER)).INV. and silver	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:28
S14	1	((RALF) near2 (BAUER)).INV. and copper	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:28
S15	9	((FRANK) near2 (MEISTER)).INV.	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:28
S16	1	((FRANK) near2 (MEISTER)).INV. and silver	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:29
S17	29	S9 S10 S11 S12 S15	US-PGPUB; USPAT	OR	OFF	2009/02/19 17:29
S18	0	S9 S10 S11 S12 S15	EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:29
S19	10	((REINER) near2 (BUETTNER)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:30

S20	0	((((REINER) near2 (BUETTNER)).INV.) and silver	EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:32
S21	6	((HARDY) near2 (MARKWITZ)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:32
S22	4	((CARMEN) near2 (KNOBELSDORF)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 17:32
S23	20	((RALF) near2 (BAUER)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:39
S24	0	cross near2 (linked link) and cation near3 active near3 ion near3 (exchanger exchangers)	EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:45
S25	7	cross near2 (linked link) and cation near3 active near3 ion near3 (exchanger exchangers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:45
S26	152	cross near2 (linked link) and cation near3 ion near3 (exchanger exchangers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:46
S27	22	cross near2 (linked link) and cation near3 ion near3 (exchanger exchangers) and silver and cellulose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:46
S28	1	cross near2 (linked link) and cation near3 ion near3 (exchanger exchangers) and silver and cellulose and lyocell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/19 17:46
S29	1	"20050035057".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 17:55
S30	0	superabsorbent same polymer same (cation cationic) and silver and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 17:58
S31	30	superabsorbent same polymer same (cation cationic) and silver	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 17:58
S32	4	superabsorbent same polymer same (cation cationic) and silver and lyocell	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 17:58
S33	30	superabsorbent same polymer same (cation cationic) and silver	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 18:03
S34	0	superabsorbent same polymer same (cation cationic) and silver and lyocell	EPO; JPO; DERWENT	OR	OFF	2009/02/19 18:03

S35	31	superabsorbent same polymer same (cation cationic) and silver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/19 18:03
S36	2	"20040016909".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/19 18:18
S37	1	"20050035057".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/23 08:10
S38	1	"5853867".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/23 11:16
S39	3726	superabsorbent same (crosslinked or cross-linked)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:55
S40	4	superabsorbent same (crosslinked or cross-linked) same weakly	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 11:55
S41	6	superabsorbent same (crosslinked or cross-linked) same silver same ions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:02
S42	56	superabsorbent same (crosslinked or cross-linked) same ions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:03
S43	243	superabsorbent same (crosslinked or cross-linked) same low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:04
S44	148	superabsorbent same (crosslinked or cross-linked) and silver and ions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:05
S45	0	superabsorbent same (crosslinked or cross-linked) and silver and ions and crosslinkers	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:06
S46	46	superabsorbent same (crosslinked or cross-linked) and silver and ions and crosslinkers	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/23 12:06
S47	81	(lyocell tencell) and silver and poly\$acrylate	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:19
S48	3	10/622882	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:40
S49	24	10/286695	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:40

S50	66	(lyocell tencell) and silver and poly\$acrylate and cross\$2link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:42
S51	7001	(cellulose) and silver and poly\$acrylate and cross\$2link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:50
S52	1574	(cellulose) and silver and poly\$acrylate same cross\$2link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:50
S53	107	(cellulose) and silver near2 ions and poly\$acrylate same cross\$2link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:50
S54	10	(cellulose) same silver near2 ions and poly\$acrylate same cross\$2link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:50
S55	1	(cellulose) same silver near2 ions and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:54
S56	1	(cellulose) and silver near2 ions and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:54
S57	80	(cellulose) and silver and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 15:55
S58	0	"09599811".ap.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 16:13
S59	0	"09599811"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 16:13
S60	1	"09/599811"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 16:13
S61	70	(cellulose) and silver and copper and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 16:50
S62	89	(cellulose) and copper and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 16:51
S63	160	(lyocell tencell rayon) and silver and poly\$acrylate same cross\$2link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 16:56
S64	1	"6605751".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 17:04
S65	0	pentsan and elmore and acid	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 17:05

S66	17	pentosan and elmore and acid	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/06 17:05
S67	0	lyocell same substitute same rayon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 14:39
S68	1	lyocell same substitute same rayon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 14:39
S69	1163	lyocell same rayon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 14:39
S70	685	lyocell near2 rayon	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 14:40
S71	233	lyocell near2 rayon	USPAT	OR	OFF	2009/08/14 14:40
S72	1	lyocell same rayon same environment	USPAT	OR	OFF	2009/08/14 14:42
S73	0	lyocell same rayon same environmental	USPAT	OR	OFF	2009/08/14 14:42
S74	0	lyocell same rayon same environmental	US-PGPUB; USPAT	OR	OFF	2009/08/14 14:42
S75	5	lyocell same rayon same environment	US-PGPUB; USPAT	OR	OFF	2009/08/14 14:43
S76	109	cross\$link\$2 near2 polymer same ion same exchanger	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:43
S77	19	cross\$link\$2 near2 polymer same ion same exchanger and (silver or sopper)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:44
S78	38	cross\$link\$2 near2 polymer same ion same exchanger and (silver or copper)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:44
S79	57	weak\$2 near2 cross\$link\$2 near2 polymer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:46
S80	18	weak\$2 near2 cross\$link\$2 near2 polymer and cellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:46
S81	8	weak\$2 near2 cross\$link\$2 near2 polymer and cellulose and ions	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:46
S82	1	"20040016909".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:50
S83	177	lyocell and (anti\$baterial anti\$microbial) and ions	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:58
S84	118	lyocell and (anti\$baterial anti\$microbial) and ions and silver	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:58
S85	99	lyocell and (anti\$baterial anti\$microbial) and ions and silver and polymer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:58

S86	86	lyocell and (anti\$baterial anti\$microbial) and ions and silver and polymer and cross\$link\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 15:58
S87	86	lyocell and (anti\$baterial anti\$microbial) and ions and silver and polymer and cross\$link\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 15:58
S88	2	"7157389" pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:07
S89	54	lyocell and (anti\$baterial anti\$microbial) and ions and silver and polymer and cross\$link\$3 and poly \$acrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:12
S90	48	lyocell and (anti\$baterial anti\$microbial) and ions and silver and polymer and cross\$link\$3 and poly \$acrylate and (benzoic sorbic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:12
S91	4	cation same exchange same ion same polymer same cross near2 link\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:18
S92	2111	polymer same cross near2 link\$3 same ion near2 exchange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:19
S93	113	polyacrylate same cross near2 link\$3 same ion near2 exchange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:19
S94	30320	polymer same weak\$2 cross near2 link\$3 same ion near2 exchange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:21
S95	227	polymer same weak\$2 same cross near2 link\$3 same ion near2 exchange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:21
S96	14	polymer same weak\$2 near4 cross near2 link\$3 same ion near2 exchange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/14 16:21
S97	1	"6288158" pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:24
S98	1	"6110533" pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:24

S99	8425	superabsorbent	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:26
S100	1	superabsorbent and lyocell and silver near2 ions	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:26
S101	1	super\$1absorbent and lyocell and silver near2 ions	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:27
S102	1	super\$1absorbent and lyocell and silver near2 ion \$1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:27
S103	1	super\$1absorbent and lyocell and (silver copper) near2 ion\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:27
S104	52	super\$1absorbent and lyocell and (silver copper)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:27
S105	9	super\$1absorbent and lyocell and (silver copper) and (benzoic sorbic)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:29
S106	1	"6562743".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 16:32
S107	215	benzoic same (anti \$bacterial anti\$microbial) same cellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 17:23
S108	0	benzoic same (anti \$bacterial anti\$microbial) same cellulose and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 17:23
S109	12	benzoic same (anti \$bacterial anti\$microbial) and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 17:23
S110	50	benzoic near5(anti \$bacterial anti\$microbial) same cellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 17:24
S111	98	benzoic and sorbic and copper same antibacterial	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/14 17:28
S112	210546	poly\$acrylate and lyocel and silver nitrate	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 08:21
S113	0	poly\$acrylate and lyocel and silver with nitrate	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 08:22
S114	52	poly\$acrylate and lyocell and silver with nitrate	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 08:22
S115	811	162/161.ods.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 08:42
S116	4	162/161.ods. AND LYOCELL	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 08:42
S117	1	"20030055146"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:27
S118	0	ploy\$1acrylate same (spin \$3 spun) same lyocell	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:49

S119	0	poly\$1acrylate same lyocell	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:49
S120	10	poly\$1acrylate same lyocell	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:49
S121	0	cross\$1link\$2 near5 (weak \$2 light\$2) and poly\$2acryl \$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:51
S122	3585	cross\$1link\$2 near5 (weak \$2 light\$2) and poly\$2acryl \$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:51
S123	924	cross\$1link\$2 near5 (weak \$2 light\$2) same poly \$2acryl\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:51
S124	135	cross\$1link\$2 near5 (weak \$2 light\$2) same poly \$2acryl\$3 and ((wet near2 dry) or wet\$1dry dry \$1wet)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:53
S125	50	cross\$1link\$2 near5 (weak \$2 light\$2) same poly \$2acryl\$3 and ((wet near2 dry) or wet\$1dry dry \$1wet) and (lyocell rayon)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 09:54
S126	6	cross\$1link\$2 near5 (weak \$2 light\$2) same poly \$2acryl\$3 and ((wet near2 dry) or wet\$1dry dry \$1wet)near2 extrusion and (lyocell rayon)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 10:12
S127	10	cross\$1link\$2 near5 (weak \$2 light\$2) same poly \$2acryl\$3 and ((wet near2 dry) or wet\$1dry dry \$1wet)near2 extrusion	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 10:17
S128	0	US2754829.pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 10:30
S129	2	"2754829".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 10:30
S130	1	"6288158".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 10:55
S131	1	"6110533".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 10:56
S132	6	(dry\$2wet (dry near1 wet)) near2 extrusion and lyocell	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 11:45
S133	11	(dry\$2wet (dry near1 wet)) near2 extrusion and rayon	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 11:46
S134	6	(dry\$2wet (dry near1 wet)) near3 extrusion and lyocell	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 11:47



S135	6	(dry\$2wet (dry near1 wet)) near3 extrusion and lyocell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/22 11:47
S136	0	(dry\$2wet (dry near1 wet)) near3 extrusion and tenecell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/22 11:47
S137	437	(dry\$2wet (dry near1 wet)) and lyocell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/22 11:48
S138	301	(dry\$2wet (dry near1 wet)) and (spun spin) and lyocell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/22 11:48
S139	39	(dry\$2wet (dry near1 wet)) same (spun spin) and lyocell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/22 11:48
S140	2	dry\$2wet\$2extrusion and lyocell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/22 11:49

**EAST Search History (Interference)**

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**3/ 22/ 2010 1:53:40 PM****C:\Documents and Settings\ACALANDRA\My Documents\EAST\Workspaces\10552086 cationic exchanger with silver.wsp**